

Engineered
FLUORESCENT LIGHTING

OCT 25 1941

THE ART METAL COMPANY
CLEVELAND, OHIO

CATALOG NO. 741
WITH ILLUMINATION DESIGN DATA
A. I. A. FILE 31F2

FLUORESCENT LIGHTING EQUIPMENT

ENGINEERING SERVICE

● FLUORESCENT lighting installations can be planned on the same basic concepts as INCANDESCENT lighting, however, FLUORESCENT Lighting is a highly specialized form of illumination and requires competent engineered planning to insure a lighting installation of the utmost efficiency.

We suggest problems on special applications or major general lighting installations be submitted our Illuminating Engineering Department for layout.

RATED LUMEN TABLES

FLUORESCENT LAMPS

| Lamp | Watts | Daylight | 3500° White |
|---------|-------|----------|----------------|
| 18" T8 | 15 | 495 | 615 |
| 24" T12 | 20 | 730 | 900 |
| 36" T8 | 30 | 1200 | 1450 |
| 48" T12 | 40 | 1700 | 2100 |
| 36" T17 | 65 | 1800 | 2100 |
| 60" T17 | 100 | 3350 | 4200 |

In any computation involving wattage or over-all efficiency of Fluorescent Lighting the ballast wattage must not be neglected. This is a variable ranging from 15%-30% of the wattage of the lamps themselves.

INCANDESCENT (FILAMENT) I.F. LAMPS

| Wattage | Lumens |
|---------|--------|
| 40 | 465 |
| 60 | 835 |
| 100 | 1650 |
| 150 | 2600 |
| 200 | 3700 |
| 300 | 5700 |
| 500 | 10,000 |
| 1000 | 21,500 |

OPERATING EQUIPMENT

All Fluorescent units shown in this catalog are complete with latest type starters and lamp ballasts for operation on 110-125V—60 cycle A.C.

Fluorescent fixtures of 2-4 or 8 lamps are equipped with High Power Factor Tu-Lamp ballasts which make use of the split

phase principle—one lamp being ballasted by inductance and the other lamp by inductance and capacitance in series, minimizing cyclic flicker or stroboscopic effect.

Single Lamp Fluorescent fixtures are listed with high power factor ballasts and also with uncorrected ballasts. Equipment originally installed with low power factor ballasts can always have corrective capacitors added later if required.

POWER-FACTOR

The importance of power factor arises from the fact that uncorrected Fluorescent ballast equipment commonly called low power factor (55%-60% power factor) places a handicap on the wiring and control devices on the customer's premises. The Utility Companies are, in many instances, requiring high power factor (90%-100%) because low power factor devices require generating and power distribution equipment capacity out of all proportion to the energy registered.

All Art Metal high power-factor Fluorescent fixtures conform to the requirements of all Utility regulations having to do with this subject.

WARRANTY

All units are tested before leaving factory—The Art Metal Company assumes no responsibility for the performance or life of any component equipment not of our manufacture.

The manufacturers of starter switches and ballasts will replace defective equipment but will accept no labor or transportation charges.

ORDERS

ALL ORDERS MUST SPECIFY voltage and cycles, A.C. (standard). Equipment for D.C. or 50 Cycle A.C. is special—prices on application.

NOTE—SEE PAGES 14 AND 15 FOR 50-FOOT CANDLE TABLE, SPACING GUIDE FOR CONTINUOUS ILLUMINATION SYSTEMS AND CO-EFFICIENTS OF UTILIZATION.

CONTINUOUS **PANELITE** FLUORESCENT SYSTEM OF ILLUMINATION

• The PANELITE System of Illumination is specifically engineered and designed for effective and efficient Fluorescent Lighting in continuous form. The functional design incorporates the use of Fresnel directional control lenses or Lustrex diffusing glass. This continuous method of illumination, mounted directly to the ceiling, provides ample lumens for accepted high levels of illumination by utilizing

adequate numbers of lamps to properly and uniformly illuminate interiors. The PANELITE System is a luminous architectural element and becomes an integral part of the interior with esthetic fitness. The PANELITE System of Illumination is composed of three elements: STANDARD SECTION (Illustrated below); BASE UNIT (Illustrated page 5); and INCANDESCENT Lens BOOSTER UNIT (Illustrated page 6).

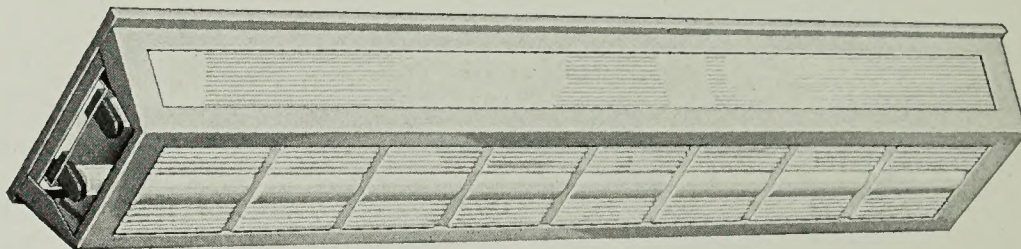
STANDARD PANELITE SECTION

| Cat. No. | Lamps | Size | Glass |
|----------|-----------|--|---------|
| 2512L | 2—48"—80W | 11 $\frac{1}{4}$ "x50"x5 $\frac{5}{8}$ " | Lustrex |
| 2512F | 2—48"—80W | 11 $\frac{1}{4}$ "x50"x5 $\frac{5}{8}$ " | Fresnel |

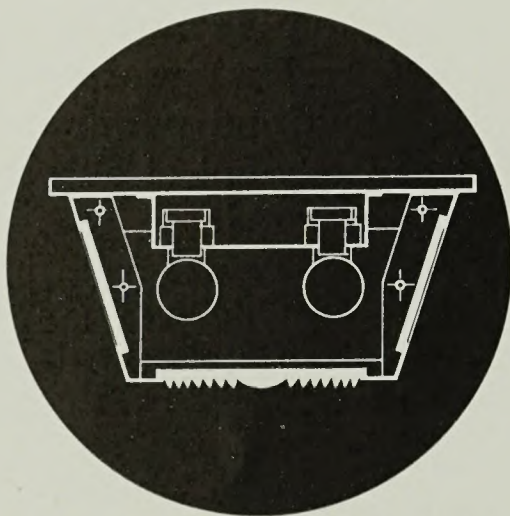
Finish: Satin Aluminum.

Reflecting Surfaces: Glossy White Enamel.

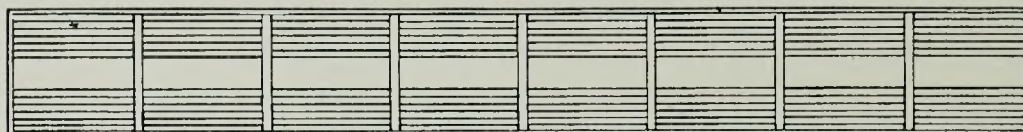
Includes cast junction strap.



STANDARD PANELITE SECTION



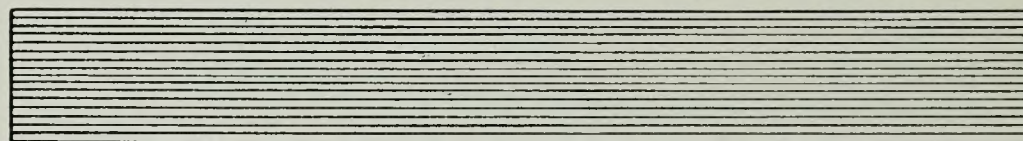
Detail of Standard PANELITE Section—
all inner reflecting surfaces are enamelled glossy white—88% reflection factor.



FRESNEL LENS BOTTOM PANELS

(Designated by letter "F"—following unit number)

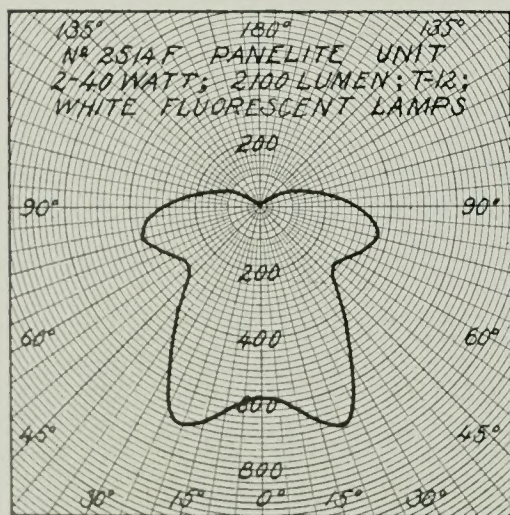
CONTROLS the light flux to produce a maximum spread of illumination with positive control of brightness. These Panels come in 2—24" lengths, butted in the center.



LUSTREX BOTTOM PANELS

(Designated by letter "L" following unit number)

HIGH IN TRANSMISSION AND DIFFUSION QUALITIES. This bottom panel comes in 1—48" length.

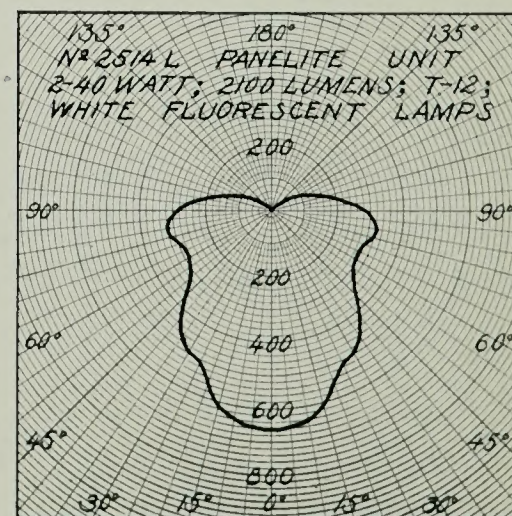


Photometric Candlepower Distribution Curve of No. 2514F PANELITE with FRESNEL LENS PANEL taken in the plane normal to axes of fluorescent lamps.

STELLEX SIDE PANELS

All PANELITE Units are furnished standard with specially processed redirecting Prismatic STELLEX side panels in 48" lengths.

NOTE: SEE PAGES 14-15 FOR 50 FOOT-CANDLETABLE, SPACING GUIDE FOR CONTINUOUS ILLUMINATION SYSTEMS AND COEFFICIENTS OF UTILIZATION.



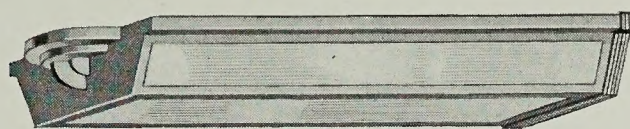
Photometric Candelpower Distribution curve of No. 2514L PANELITE with LUSTREX GLASS, taken in the plane normal to axes of fluorescent lamps.

CONTINUOUS

P A N E L I T E

FLUORESCENT

SYSTEM OF ILLUMINATION



BASE PANELITE UNIT

| Cat. No. | Lamps | Size | Depth | Glass |
|----------|-----------|------------------|--------|---------|
| 2514L | 2—48"—80W | 11 3/4" x 4' 10" | 5 5/8" | Lustrex |
| 2514F | 2—48"—80W | 11 3/4" x 4' 10" | 5 5/8" | Fresnel |

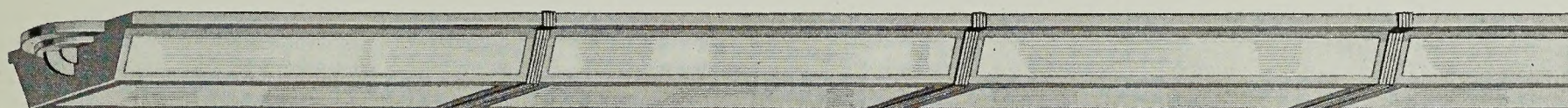
Finish: Satin Aluminum.

Reflecting Surfaces: Glossy White Enamel.

Includes two cast ornamental ends.

The PANELITE System of Illumination offers:

1. A luminous architectural element conforming to structural design.
2. Low installation cost utilizes existing outlets.
3. Shadowless illuminated ceilings.
4. Cool illumination.
5. Maintenance at a minimum—panels lift out.



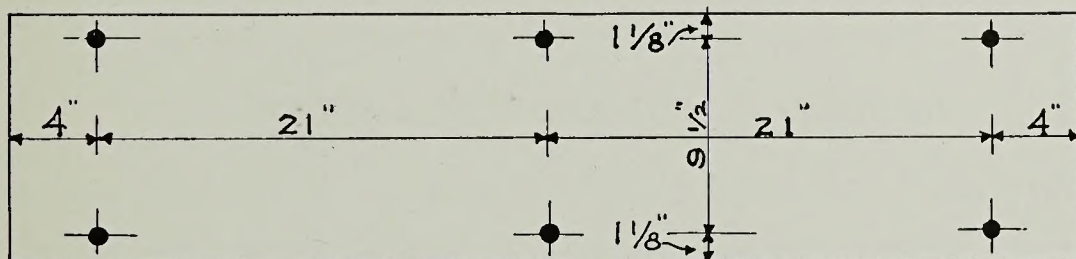
ASSEMBLY OF ARTICULATED PANELITE CONTINUOUS FLUORESCENT SYSTEM

• To assemble and order the PANELITE System, start with the BASE unit (No. 2514)—which has removable ornamental cast ends, one of which can be removed and used at the other end of the run—and add to this the desired number of STANDARD PANELITE sections (No. 2512) to complete the continuous PANELITE system of illumination to the desired length.

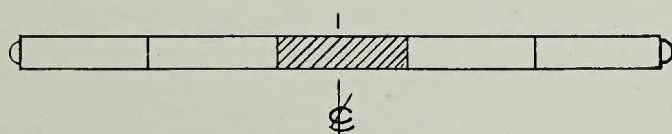
When ordering advise the number of elements in each continuous run.

The wire raceway is secured to the ceiling plate and hand-holes are provided to make final connections after units are aligned and secured to the ceiling. A bushed hole is provided through the ceiling plate to permit entry into each PANELITE element. All Standard sections, Base units, and AMCO Lens Booster Units are coupled together by means of bolts and wing nuts through the cast junction strap illustrated. The side panels then are put in place, lamps inserted and bottom panels slipped into position.

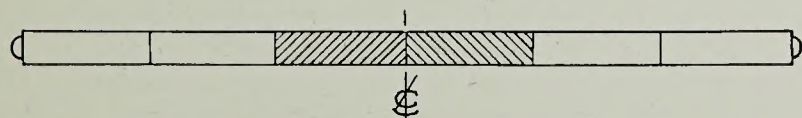
INSTALLATION



PANELITE is accompanied by a paper template of the ceiling pan showing locations of 1/4" support holes, for exact positioning of expansion or toggle bolts on the ceiling. This template should be used on CENTER unit or units. Succeeding units are then added to each end equally for correct positioning on the ceiling for each continuous run. A 3/4" knock-out for feed wires is provided at each end of the ceiling plate.

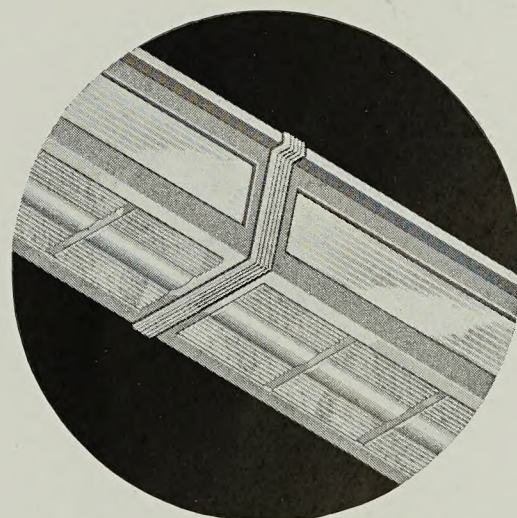


To install an ODD number of units continuously, the template should be used on the center line of the center unit first, adding further sections to each end as illustrated.



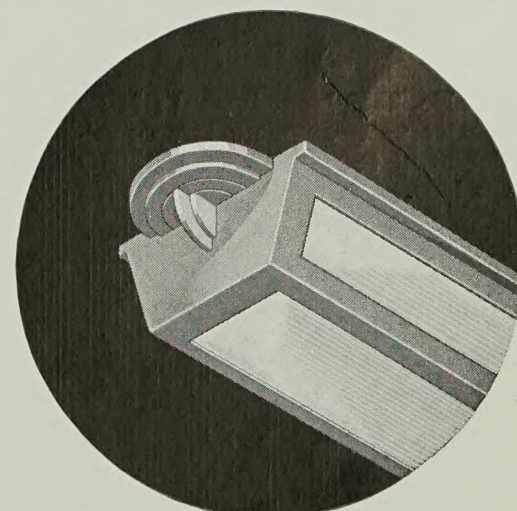
To install an EVEN number of units continuously, the template should be used at the intersection of the two center units first, adding further sections to each end as illustrated.

NOTE: SEE PAGES 14-15 FOR 50 FOOT-CANDLE TABLE, SPACING GUIDE FOR CONTINUOUS ILLUMINATION SYSTEMS AND COEFFICIENTS OF UTILIZATION.



Illustrating the intersection of standard PANELITE sections where Polished Chrome Cast Junction straps are provided to seal and align the joint. One strap is included with each section, and is secured by means of bolts and wingnuts as described in the method of coupling.

CAST END ORNAMENTS. At the terminus of each PANELITE continuous run, cast ornamental ends complete the articulated assembly. These cast Ornamental Ends are included with the BASE PANELITE unit from which one end is removed and used at the end of the run as described previously above.

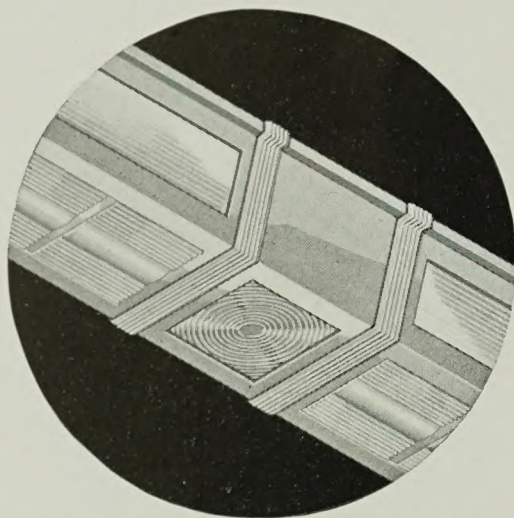


SYSTEM OF ILLUMINATION

Augmented by Incandescent Amco Lens Booster Units

•The introduction of Incandescent (filament) lamps in the Art Metal optical system of Direct Illumination in combination with Fluorescent, supplements the PANELITE System of Illumination. This blending of two entirely different kinds of light utilizes the predominant qualities of each, the fluorescent producing diffuse illumination with a vertical as well as a horizontal component and the Incandescent in the AMCO Lens Booster Unit, a precisely directed beam of light with high utilization. The Fluorescent Illumination is diffuse, cool and soft to which is added the punch,

sparkle, warmth and power of Incandescent to produce a scintillating, lively effect with third dimensional depth. The controlled beams of light from the AMCO Lens Booster Units engineered in design to produce a complete secondary system of illumination is superimposed on the level of illumination produced by the Fluorescent Continuous PANELITE System. This superimposing of Incandescent illumination on the Fluorescent illumination results in a unique lighting innovation.



Above illustrates position of AMCO Lens Booster unit in relation to standard PANELITE Fluorescent units.

THE AMCO COLORISER LENS of The Art Metal Optical System of Direct Illumination is an optically correct Plano-Convex lens designed on the Fresnel principle. The lamp, lens and scientifically contoured specular alzak aluminum reflector, form a completely coordinated lighting unit.

SPECIFICATIONS

| Cat. No. | Incandescent Lamps | Amco Lens | Ceiling Diam. |
|-------------------------------|--------------------|-----------|---------------------------|
| 2516 | 1—100W | 1—6" sq. | 8x11 $\frac{3}{4}$ " wide |
| Finish: Satin Aluminum. | | | |
| Lens: AMCO Coloriser. | | | |
| Includes cast junction strap. | | | |

FEATURES OF COMBINATION LIGHTING

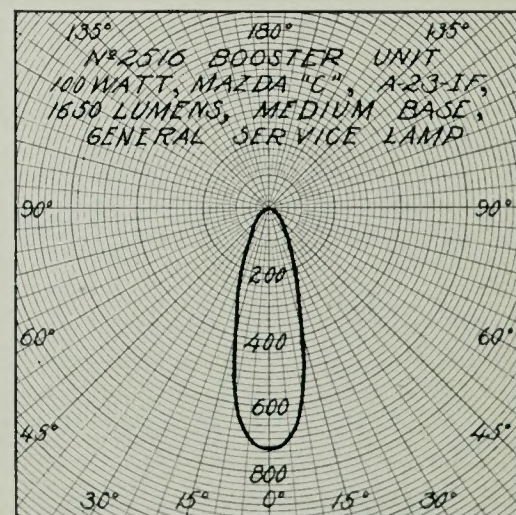
1. A luminous architectural element conforming to structural design with a means of plus or accent lighting an integral part of the system.

2. Utilization in continuous runs of the Fresnel optical lens principle with both Fluorescent and Incandescent lamps.

3. The steps or risers of the patented AMCO Coloriser Lens in the Booster unit are treated with color to harmonize with the color quality of the fluorescent panel.



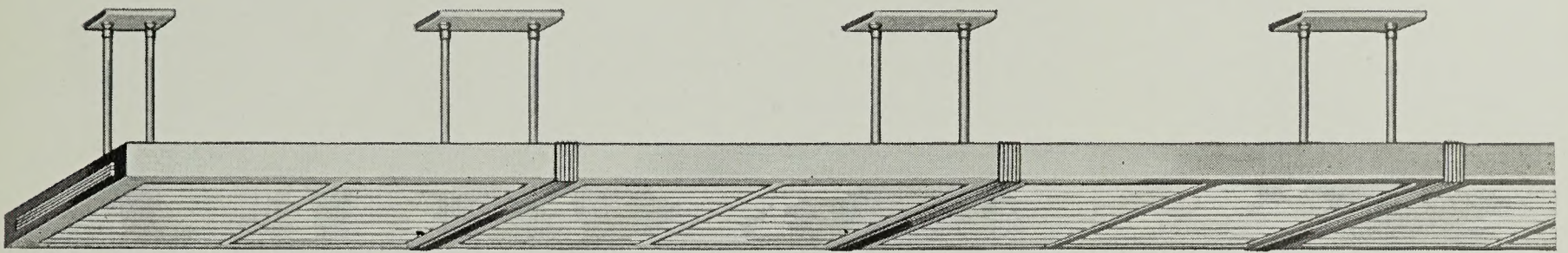
Section of No. 2516 Incandescent AMCO Lens Booster unit—showing lamp position in relation to reflector and AMCO Coloriser lens.



Photometric candlepower distribution curve of No. 2516 AMCO Lens Booster unit with characteristic distribution.

FLUORESCENT LIGHTING EQUIPMENT

EQUALUX CONTINUOUS SYSTEM OF ILLUMINATION



ARTICULATED EQUALUX SUSPENDED CONTINUOUS SYSTEM

● A continuous Fluorescent lighting system, suspended to any desired length from the ceiling. This continuous system utilizes the same principles of illumination as Equalux Units illustrated and described on the opposite page. Made only for two and four parallel lamps.

NOTE: SEE PAGES 14-15 FOR 50 FOOT-CANDLE TABLE, SPACING GUIDE FOR CONTINUOUS ILLUMINATION SYSTEMS AND COEFFICIENTS OF UTILIZATION.

END SECTIONS

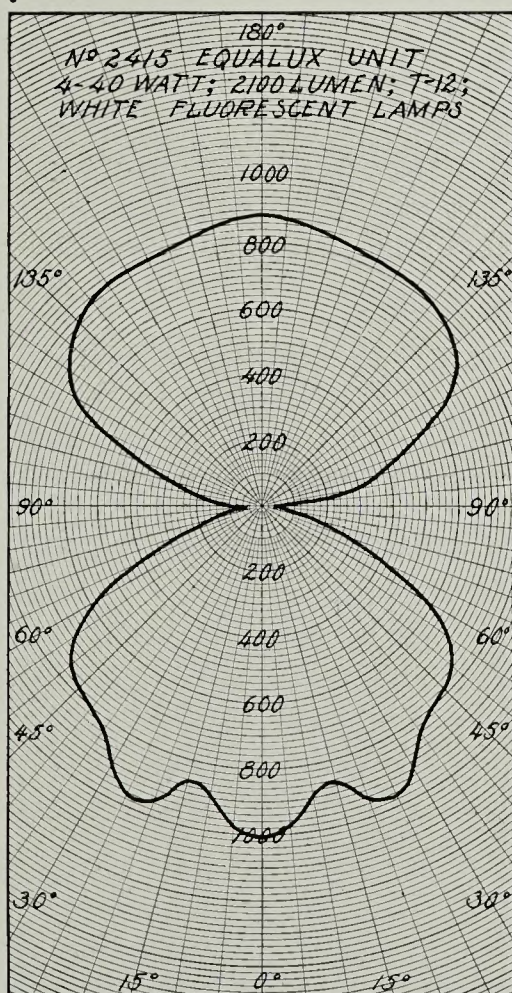
| Cat. No. | Lamps | Body Size | Length O.A. |
|----------|------------|--------------|----------------|
| 2530 | 2—48"—80W | 8½"x50½"x3" | 36" |
| 2531 | 4—48"—160W | 17" x50½"x3" | 36" |
| 2532 | 2—60"—200W | 10½"x63½"x5" | 36" |
| 2533 | 4—60"—400W | 21" x63½"x5" | 36" |

INSIDE SECTIONS

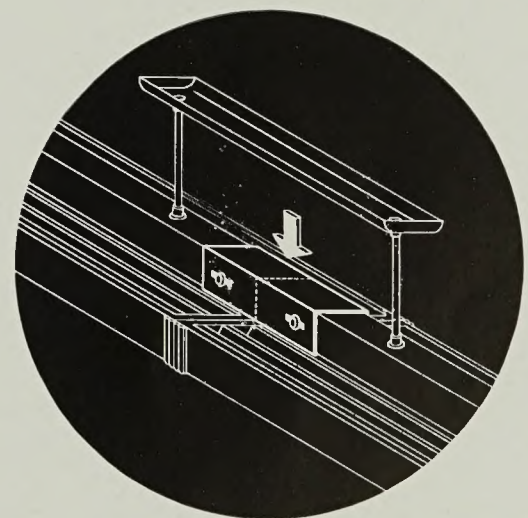
| | | | |
|------|------------|--------------|-----|
| 2534 | 2—48"—80W | 8½"x50½"x3" | 36" |
| 2535 | 4—48"—160W | 17" x50½"x3" | 36" |
| 2536 | 2—60"—200W | 10½"x63½"x5" | 36" |
| 2537 | 4—60"—400W | 21" x63½"x5" | 36" |

Finish: Satin Aluminum—Polished Chrome Trim.

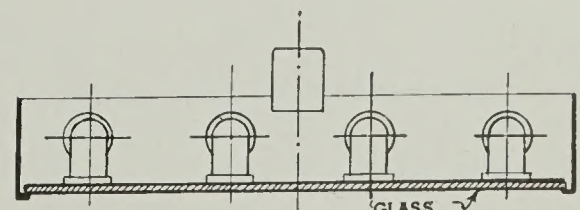
Glass: Clear Crystal Fluted—Simulates Louvering.



Photometric candlepower distribution curve of No. 2415 in plane normal to axes of lamps. This characterizes all Equalux Units and all sections of the Equalux Continuous System.

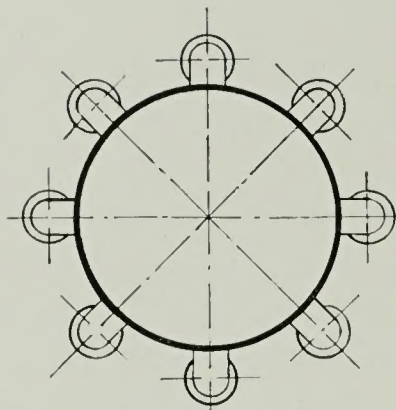
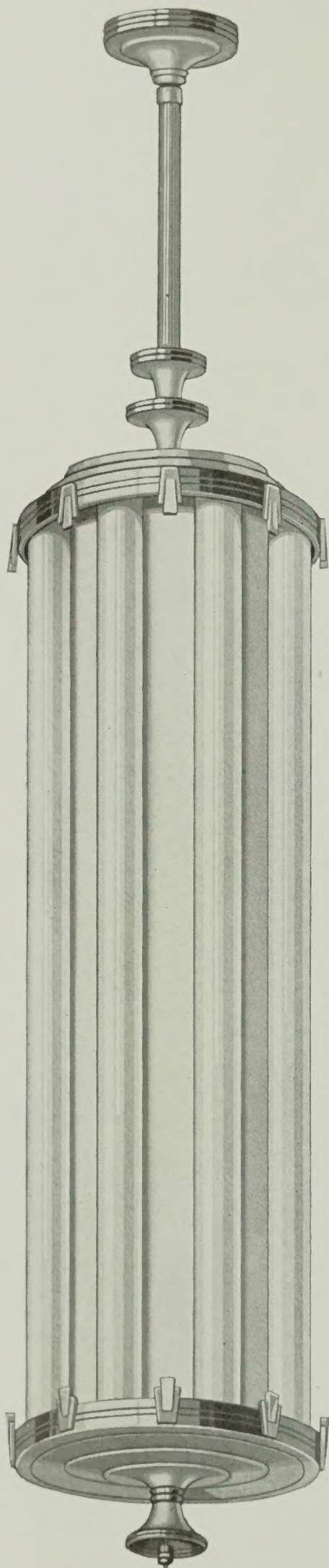


Detail looking down on junction of Equalux Continuous System—hangers and wire-way are aligned first then locked in an inverted U channel strap, indicated by arrow, simplifying wiring and installation.

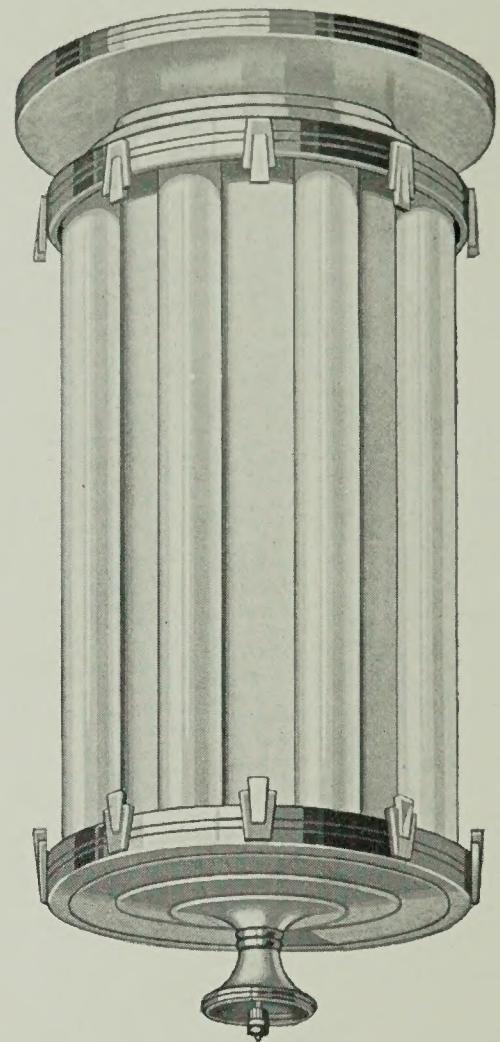


Section showing relative position of lamps, glass panel and auxiliaries. This characterizes all sections of the Equalux Continuous System.

COLONNADE UNITS



Section (covering both units on this page) showing lamp positions.



| Cat. No. | Lamps | O.A. Dia | Length O.A. |
|----------|------------|----------|----------------|
| 2421 | 8—48"—320W | 14¼" | 7'-0" |

Finish: Satin Aluminum—Gold Trim.
Reflecting Surface: Matt White.

| Cat. No. | Lamps | O.A. Dia. | Length O.A. |
|----------|------------|-----------|----------------|
| 2423 | 8—24"—160W | 14¼" | 36" |
| 2425 | 8—48"—320W | 14¼" | 60" |

Finish: Satin Aluminum—Gold Trim.
Reflecting Surface: Matt White.

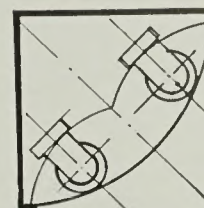
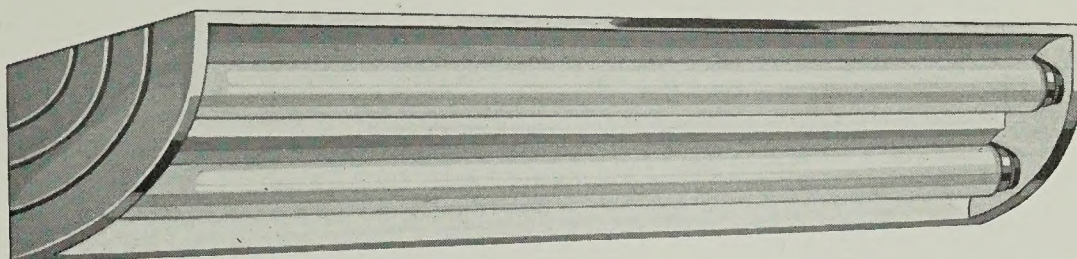
• The Colonnade Units are cylindrical in style and are available either with suspension or for mounting directly on the ceiling. The massive rugged construction of these units includes cast iron webbing at both top and bottom, insuring rigidity.

The decorative design of the unit blends with any interior. The reflecting surfaces of the unit are matt white for maximum diffusion and reflection. This reflector treatment creates the illusion of the lamps blending with the reflecting background as one luminous element. These units are finished in satin aluminum and are highlighted with gold trim.

The distribution of light from these units is vertical in character. This inherent characteristic makes these units decorative architectural elements necessary for high bay lobbies, auditoriums, banking rooms and similar locations.

FLUORESCENT LIGHTING EQUIPMENT

SPECIFIC UNITS

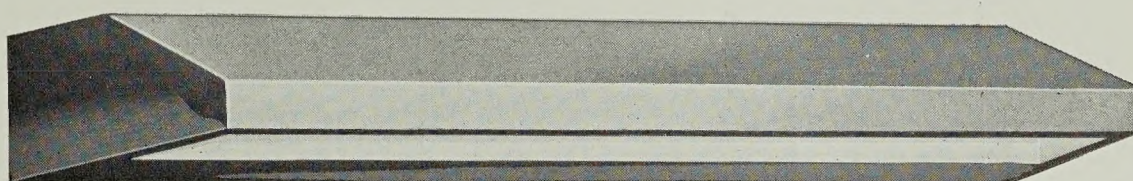


Section of No. 2444

SHOW WINDOWS

| Cat. No. | Lamps | Size |
|----------|-----------|------------|
| 2444 | 2—24"—40W | 6"x6"x24½" |
| 2446 | 2—48"—80W | 6"x6"x48½" |

Finish: Satin Aluminum. Reflector: Matt White.

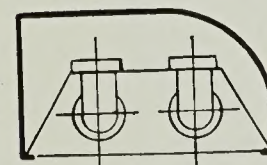
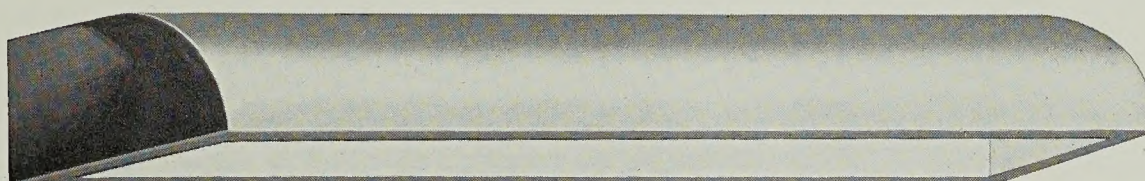


Section of No. 2447

UTILITY BRACKET

| Cat. No. | Lamps | Depth | Length | Extends |
|----------|-----------|-------|--------|---------|
| 2448 | 1—24"—20W | 2⅝" | 24½" | 4½" |
| 2450 | 1—48"—40W | 2⅝" | 48½" | 4½" |

Finish: Satin Aluminum. Reflecting Surface: Matt White.



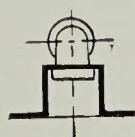
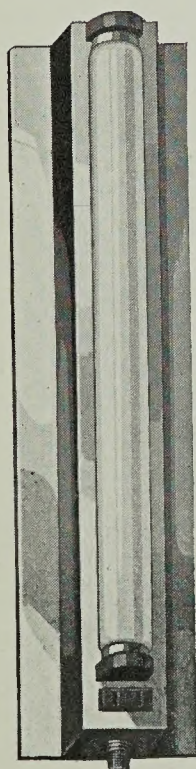
Section of No. 2452

BANK CAGES

| Cat. No. | Lamps | Depth | Length | Extends |
|----------|-----------|-------|--------|---------|
| 2453 | 2—36"—60W | 4¾" | 36½" | 8¼" |
| 2454 | 2—48"—80W | 4¾" | 48½" | 8¼" |

Finish: Satin Aluminum. Reflector: Matt White.

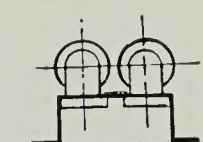
WALL BRACKETS



SECTION

| Cat. No. | Lamps | Length | Width |
|----------|-----------|--------|-------|
| 2434C | 1—18"—15W | 20" | 4" |
| 2435C | 1—24"—20W | 26" | 4" |

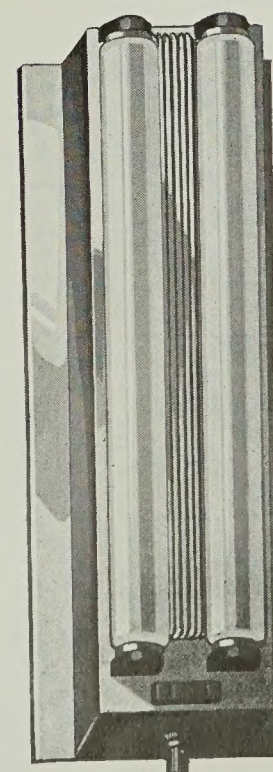
WITH Pin Switch and Convenience Outlet
Finish: Polished Chrome.



SECTION

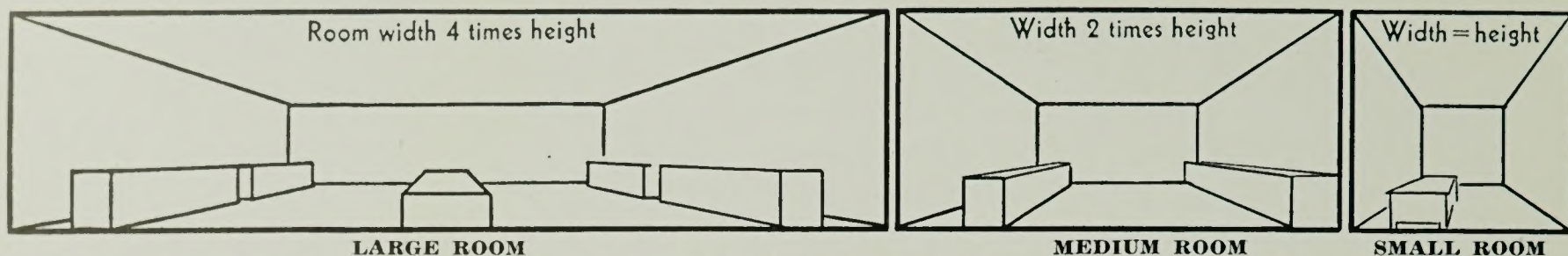
| Cat. No. | Lamps | Length | Width |
|----------|-----------|--------|-------|
| 2436C | 2—18"—30W | 20" | 5¼" |
| 2437C | 2—24"—40W | 26" | 6¼" |

WITH Pin Switch and Convenience Outlet
Finish: Polished Chrome.



FLUORESCENT LIGHTING EQUIPMENT

GUIDE FOR ESTIMATING SQUARE FEET PER UNIT TO GIVE 50 FOOTCANDLES IN SERVICE ★



| Art Metal Standard Listed Lighting Equipment Catalog Number | LARGE ROOM | | MEDIUM ROOM | | SMALL ROOM | |
|--|----------------------|------------------|-----------------|------------------|-----------------|------------------|
| | Light Finish | Medium Finish | Light Finish | Medium Finish | Light Finish | Medium Finish |
| | SQUARE FEET PER UNIT | | | | | |
| Louvrlux | | | | | | |
| 2410—4 lamp— 40 W | 66 | 55 | 57 | 48 | 45 | 38 |
| 2411—4 lamp—100 W | 132 | 110 | 114 | 96 | 90 | 76 |
| 2413—2 lamp— 40 W | 33 | 28 | 29 | 24 | 23 | 19 |
| 2414—2 lamp—100 W | 66 | 55 | 57 | 48 | 45 | 38 |
| Equalux | | | | | | |
| 2415—4 lamp— 40 W | 55 | 44 | 45 | 37 | 35 | 28 |
| 2416—4 lamp—100 W | 110 | 88 | 90 | 74 | 70 | 56 |
| 2418—2 lamp— 40 W | 28 | 22 | 23 | 19 | 18 | 14 |
| 2419—2 lamp—100 W | 55 | 44 | 45 | 37 | 35 | 28 |
| Panelite | | | | | | |
| 2512L—2 lamp— 40 W | 27 | 24 | 23 | 21 | 18 | 16 |
| 2512F—2 lamp— 40 W | 27 | 24 | 23 | 21 | 18 | 16 |

HOW TO USE THIS TABLE

Having selected the fixture to be used, divide the total square feet of floor space to be lighted by the value from this table corresponding to the size and interior finish of the room. This result will indicate the number of fixtures required. For values other than 50 footcandles multiply result by a factor.

For example: A No. 2410 was selected to light an interior area 30' x 38' with a ceiling height of 15 feet. The room conditions are medium with a light finish and each unit would require 57 square feet.

$$\text{Number of units required for 50 footcandles} = \frac{30 \times 38}{57} = 20 \text{ units}$$

If 25 footcandles were required instead of 50 footcandles multiply by $\frac{1}{2}$ as:

$$\frac{30 \times 38}{57} \times \frac{1}{2} = 10 \text{ units to produce 25 footcandles}$$

If 100 footcandles were required instead of 50 footcandles multiply by 2 as:

$$\frac{30 \times 38}{57} \times 2 = 40 \text{ units to produce 100 footcandles.}$$

SPACING GUIDE FOR THE CONTINUOUS ILLUMINATION SYSTEM TO PRODUCE 50 FOOTCANDLES IN SERVICE ★

| Art Metal Standard Listed Continuous System of Illumination | LARGE ROOM | | MEDIUM ROOM | | SMALL ROOM | |
|---|--|------------------|-----------------|------------------|-----------------|------------------|
| | Light Finish | Medium Finish | Light Finish | Medium Finish | Light Finish | Medium Finish |
| | SPACING • BETWEEN CONTINUOUS ROWS OF UNITS | | | | | |
| Louvrlux Continuous System of Illumination | | | | | | |
| 2525—2 lamps— 40 W | 8 | 6½ | 7 | 5 | 5½ | 5 |
| 2526—4 lamps— 40 W | 16 | 13 | 13½ | 10½ | 11 | 9½ |
| 2527—2 lamps—100 W | 12½ | 10½ | 11 | 9 | 8½ | 7 |
| 2528—4 lamps—100 W | 25 | 21 | 21½ | 18 | 17 | 14 |
| Equalux Continuous System of Illumination | | | | | | |
| 2534—2 lamps— 40 W | 6½ | 5½ | 5½ | 4½ | 4 | 3½ |
| 2535—4 lamps— 40 W | 13 | 10½ | 11 | 9 | 8 | 7 |
| 2536—2 lamps—100 W | 10½ | 8½ | 8½ | 7 | 6½ | 5½ |
| 2537—4 lamps—100 W | 21 | 16½ | 17 | 14 | 13 | 10½ |
| Panelite Continuous System of Illumination | | | | | | |
| 2512—2 lamps— 40 W | 6½ | 6 | 5½ | 5 | 4 | 4 |

• This spacing produces an average illumination of approximately 50 footcandles but does not assure even coverage. Check spacing by this table against distribution curve of the equipment to assure adequate coverage.

★ Using 3500° white fluorescent lamps. If daylight lamps are used, about 20% more units are needed. The average illumination in service will be around 50 footcandles. Due to depreciation of lamps and units, the initial footcandle levels will be appreciably higher.

†Light Finish—ceiling 75% and walls 50%.

‡Medium Finish—ceiling 50% and walls 30%.

FLUORESCENT LIGHTING EQUIPMENT

TABLE OF COEFFICIENTS OF UTILIZATION (Of the Art Metal Fluorescent Units)

| Art Metal Standard Listed Lighting Equipment Catalog Number | Ceiling | 75 % | | | 50 % | | | 30 % | | Maintenance Factors |
|---|---------------|-----------------------------|------|------|------|------|------|------|------|------------------------|
| | Walls | 50 % | 30 % | 10 % | 50 % | 30 % | 10 % | 30 % | 10 % | |
| | Room Index | COEFFICIENTS OF UTILIZATION | | | | | | | | |
| Louvrlux ★ 2410 2411 2413 2414 | J | .26 | .23 | .21 | .24 | .22 | .20 | .20 | .18 | .85 Clean .75 Av. |
| | I | .32 | .29 | .28 | .29 | .27 | .25 | .25 | .21 | |
| | H | .36 | .33 | .31 | .32 | .30 | .28 | .28 | .27 | |
| | G | .39 | .36 | .34 | .35 | .33 | .31 | .30 | .29 | |
| | F | .42 | .39 | .36 | .37 | .35 | .33 | .32 | .31 | |
| | E | .45 | .42 | .40 | .40 | .38 | .36 | .34 | .33 | |
| | D | .48 | .45 | .43 | .43 | .40 | .39 | .37 | .36 | |
| | C | .50 | .47 | .44 | .44 | .42 | .40 | .38 | .37 | |
| | B | .52 | .49 | .47 | .46 | .44 | .43 | .39 | .38 | |
| | A | .54 | .51 | .50 | .47 | .45 | .44 | .41 | .39 | |
| Equalux ★ 2415 2416 2418 2419 | J | .23 | .20 | .18 | .21 | .18 | .16 | .16 | .15 | .75 Clean .65 Av. |
| | I | .29 | .26 | .24 | .26 | .23 | .21 | .21 | .19 | |
| | H | .32 | .29 | .27 | .28 | .26 | .24 | .23 | .22 | |
| | G | .36 | .32 | .30 | .31 | .29 | .27 | .25 | .24 | |
| | F | .38 | .35 | .32 | .33 | .30 | .29 | .27 | .26 | |
| | E | .41 | .39 | .36 | .36 | .34 | .32 | .30 | .28 | |
| | D | .45 | .42 | .38 | .39 | .36 | .35 | .32 | .31 | |
| | C | .47 | .44 | .41 | .40 | .38 | .36 | .33 | .32 | |
| | B | .50 | .47 | .45 | .42 | .40 | .39 | .35 | .34 | |
| | A | .52 | .49 | .47 | .44 | .42 | .40 | .36 | .35 | |
| Panelite 2512L 2512F | J | .22 | .19 | .17 | .21 | .18 | .17 | .18 | .17 | .85 Clean .75 Av. |
| | I | .26 | .24 | .22 | .25 | .23 | .22 | .23 | .21 | |
| | H | .29 | .26 | .25 | .28 | .26 | .24 | .25 | .24 | |
| | G | .31 | .29 | .27 | .30 | .28 | .26 | .27 | .26 | |
| | F | .34 | .31 | .29 | .32 | .30 | .28 | .29 | .28 | |
| | E | .36 | .34 | .32 | .35 | .33 | .31 | .32 | .30 | |
| | D | .39 | .36 | .34 | .37 | .35 | .33 | .34 | .33 | |
| | C | .41 | .38 | .35 | .39 | .36 | .34 | .35 | .34 | |
| | B | .43 | .40 | .38 | .40 | .38 | .36 | .37 | .36 | |
| | A | .44 | .41 | .39 | .41 | .39 | .37 | .38 | .37 | |

★For the coefficients of Utilization for the Louvrlux Continuous System of Illumination or the Equalux Continuous System of Illumination, refer to the corresponding Louvrlux or Equalux unit.

NOTE: For a detailed explanation of the Lumen Method for computing interior illumination, please refer to our Catalog No. C-142, pages 4 to 11. Included in these pages are the necessary equations for the computations, room indices and all other pertinent information to facilitate these calculations.



★ALL FLEUR-O-LIER equipment carries this tag.

FLEUR-O-LIER *Manufacturers*

ALL EQUIPMENT LISTED IN THIS CATALOG IS APPROVED BY THE UNDERWRITERS' LABORATORIES, INC., AND IS LABELED AS EVIDENCE THEREOF.

Printed in U. S. A.

EVERY LIBRARY
COLUMBIA UNIVERSITY

**LIST PRICE SCHEDULE
GERMICIDAL LAMP EQUIPMENT**

CATALOG NO. GL-841

EFFECTIVE SEPT. 8th, 1941

This PRICE LIST covers our line of GERMICIDAL LAMP EQUIPMENT.

Prices, Designs and Constructions are subject to change without any notice whatsoever, therefore under no conditions are we responsible for any work in connection with equipment as furnished. All prices are subject to any taxes or charges that may be imposed by Federal or State authorities.

All Agreements are made and all orders accepted contingent upon strikes, fires, accidents, unusual market conditions or causes beyond our control.

Orders on which specifications are not definitely clear cannot be filled without considerable loss of time consumed in writing for needed information. Give full instructions when ordering to facilitate prompt service.

State clearly how the goods ordered are to be shipped, whether by freight, express or otherwise. If there is any preference for a certain route, it should be mentioned on the order.

Great care is used in filling orders promptly, packing goods properly and obtaining receipts from carriers for delivery in good condition. We cannot, therefore, be responsible for goods damaged or lost in transportation. All possible precautions, however, will be used to prevent injury or delay and if requested, shipment will be traced.

Returned Goods will be accepted only after authorization is given, and return goods tags must be attached to all cartons.

| Catalog No. | List Price |
|----------------|------------|
| 2540 | 32.10 |
| 2541 | 36.45 |
| 2542 | 25.65 |
| 2543 | 29.55 |
| 2544 | 25.80 |
| 2545 | 30.30 |
| 2546 | 19.80 |
| 2547 | 22.20 |

All Germicidal Lamp Equipment comes Equipped with High Power Factor Ballasts.

Lamps are not included.

Price for Equipment Furnished with Cord and Plug on Request.

All orders are taken subject to the approval of the Company at its Home Office in Cleveland, Ohio, and are not binding upon the Company until accepted by the Company at its Home Office. All orders are taken for goods F.O.B. Cleveland, Ohio.

**THE ART METAL COMPANY
CLEVELAND, OHIO**

SEP 28 1941

GERMICIDAL LAMP EQUIPMENT

**FOR THE REDUCTION OF
AIR-BORNE BACTERIA**

OCT 25 1941

THE ART METAL COMPANY
CLEVELAND, OHIO

GERMICIDAL LAMP EQUIPMENT

FOR THE REDUCTION OF AIR-BORNE BACTERIA

• Wherever people congregate infection may be carried by air-borne bacteria—in offices—schools—hospitals—hotels—stores and all public buildings. The use of ultraviolet energy emitted by Germicidal lamps will not completely eliminate the possibility of contracting disease communicable by air-borne bacteria, but it is a proven fact that possible infection can be materially reduced by placing units at points of maximum air circulation—over doors—windows—sidewalls—and on high cases—cabinets or ledges. Because of their small size and low visible light output, Germicidal units blend unobtrusively with ordinary room furnishings.

WHAT ULTRAVIOLET DOES

In sunlight there are three general classes of radiant energy—INFRARED, which is invisible but produces heat, VISIBLE radiation or light which enables us to see, and ULTRAVIOLET which is invisible but gives us sunburn and tan in the summertime. The only difference in these types of energy is the length of their waves. The infrared are longest, the visible are shorter, and the ultraviolet are still shorter.

The ultraviolet energy that we receive from the sun is known as "near" ultraviolet—it is near to visible light. Shorter waves, known as "far" ultraviolet, are probably cut off by the atmosphere surrounding the earth. Careful research has proved beyond question that these shorter wavelengths of ultraviolet will kill air-borne bacteria, provided that the bacteria are exposed to energy of sufficient intensity for a long enough period of time.

LAMP CHARACTERISTICS

Germicidal Lamps Start and Operate On
110-125 Volt—60 Cycle AC Current

The efficiency of Germicidal lamps is effected by humidity and temperature. At normal room temperature and humidity, sanitary ventilation equivalent to 100 air changes per hour is obtainable with an electrical input to Germicidal lamps of only 1 to 2 watts per 100 cubic feet of room volume. This range of energy input is dependent upon the ceiling height above the mounting position of the equipment.

Art Metal has developed equipment for two efficient sources of this lethal or Germicidal energy for both the 15 and 30 watt Germicidal lamps. The 15 watt, T-8 lamp is 18 inches overall while the 30 watt, T-8 lamp is 36 inches overall. With a low

wattage consumption, these lamps produce a quantity of potent ultraviolet energy which kills bacteria in the shortest time interval. Installed properly with a good reflector and cleaned regularly, Germicidal lamps are an important aid in the fight against communicable disease.

ART METAL GERMICIDAL APPLICATIONS

This equipment is offered in four models for specific uses:—

1. (No. 2540-1) INDIRECT for use on high cases, cabinets or between baby cubicles.

This model DIRECT can be used over Surgical dressing tables, etc.

Symmetric distribution.

2. (No. 2542-3) UTILITY INDIRECT for use on side walls.

Asymmetric distribution.

3. (No. 2544-5) CURTAIN-DIRECT-INDIRECT for use over doors, windows and ward partitions.

Asymmetric distribution.

4. (No. 2546-7) DIRECT TYPE for use in air ducts—concealed from view.

INSTALLATION

Germicidal lamps should be installed under competent engineering supervision. Complete information about these lamps and their applications can be obtained from our Engineering Department.

MAINTENANCE

It is essential to keep the lamps and reflectors clean. Very slight films of dust or dirt, and particularly grease, materially reduce the germicidal output of the lamp and reflector. It is recommended that a regular cleaning schedule be set up in connection with any installation of the lamps.

CAUTION

The ultraviolet energy emitted by the Germicidal lamp can produce sunburn on bare skin closely exposed to the lamp. Direct viewing of the lamps for a considerable period is harmful to the eyes. Therefore the lamps should not be installed where they will shine directly into anyone's eyes, nor should bare skin be exposed for an appreciable length of time within the direct radiation of the lamps at close range.

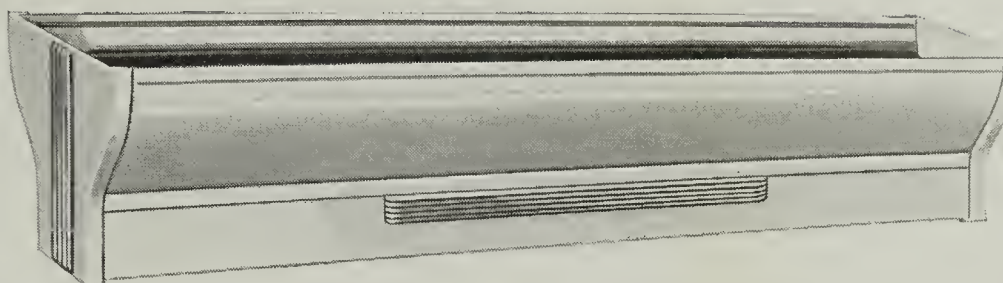
The first three types shown opposite should not be mounted less than 6'-0" from the floor. The last type (No. 2546-7) should never be used except in locations where positive shielding from the eyes is certain.

GERMICIDAL LAMP EQUIPMENT

FOR THE REDUCTION OF
AIR-BORNE BACTERIA



Section of No. 2540



INDIRECT OR DIRECT For use on cabinets and cases.

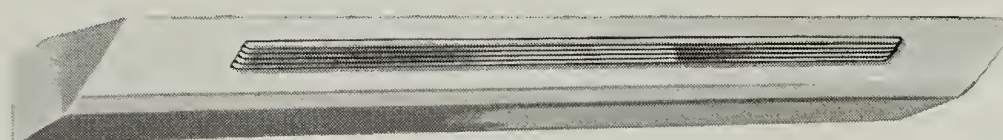
| Cat. No. | Watts | Size | Ht. O.A. |
|----------|-------|------------|----------|
| 2540 | 15 | 5½" x 18½" | 5¾" |
| 2541 | 30 | 5½" x 36½" | 5¾" |

Finish: Satin Aluminum—Chrome Trim

Reflector: (symmetric) Polished Chrome



Section of No. 2542



UTILITY INDIRECT For use on side walls.

| Cat. No. | Watts | Size |
|----------|-------|------------|
| 2542 | 15 | 5½" x 18½" |
| 2543 | 30 | 5½" x 36½" |

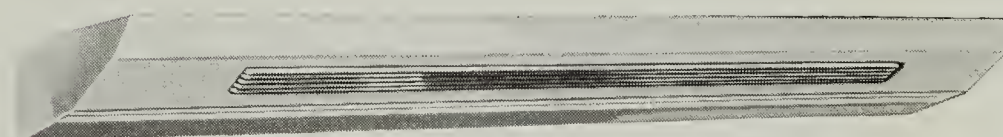
Finish: Satin Aluminum—Chrome Trim

Reflector: (asymmetric) Polished Chrome

Note: Keyhole slot supports



Section of No. 2544



CURTAIN—DIRECT—INDIRECT For use over doors and windows.

| Cat. No. | Watts | Size |
|----------|-------|------------|
| 2544 | 15 | 5½" x 18½" |
| 2545 | 30 | 5½" x 36½" |

Finish: Satin Aluminum—Chrome Trim

Reflector: (asymmetric) Polished Chrome

Note: Keyhole slot supports



Section of No. 2546



DIRECT TYPE

For use in air ducts—concealed from view.

| Cat. No. | Watts | Size |
|----------|-------|-----------|
| 2546 | 15 | 2½" x 19" |
| 2547 | 30 | 2½" x 37" |

Finish: Aluminum

Knock Outs furnished both ends

NOTE—ABOVE UNITS CAN BE FURNISHED WITH 8 FT. CORD AND PLUG ON REQUEST.

The Art Metal Co.

LIST PRICE SCHEDULE COMMERCIAL LIGHTING EQUIPMENT

CATALOG NUMBERS C143 and C142

**ANY CATALOG NUMBER IN ABOVE CATALOGS NOT
IN THIS PRICE LIST HAS BEEN DISCONTINUED.**

EFFECTIVE MARCH 23rd, 1942 and supersedes all previous Price Lists.

**This PRICE LIST covers our line of COMMERCIAL
LIGHTING EQUIPMENT and SUPERSEDES
ALL PREVIOUS ISSUES**

**Prices, Designs and Constructions are subject to change
without any notice whatsoever, therefore under
no conditions are we responsible for any work
in connection with equipment as furnished. All
prices are subject to any taxes or charges that
may be imposed by Federal or State authorities.**

**All Agreements are made and all orders accepted
contingent upon strikes, fires, accidents, unusual
market conditions or causes beyond our control.**

**Orders on which specifications are not definitely clear
cannot be filled without considerable loss of
time consumed in writing for needed information.
Give full instructions when ordering to facilitate
prompt service.**

**State clearly how the goods ordered are to be shipped,
whether by freight, express or otherwise. If
there is any preference for a certain route, it
should be mentioned on the order.**

**Great care is used in filling orders promptly, packing
goods properly and obtaining receipts from car-
riers for delivery in good condition. We cannot,
therefore, be responsible for goods damaged
or lost in transportation. All possible precau-
tions, however, will be used to prevent injury
or delay and if requested, shipment will be traced.**

**Standard Packages: All fixtures are packed one finish
to a standard package. Broken packages 10%
additional.**

**Finishes: Standard and Optional Finishes are specified
for each Catalog Number. For finishes other
than standard or optional as specified, and
listed in code for finishes, add 20% to list
price of fixture. Prices for finishes other than
listed on application only.**

**Returned Goods will be accepted only after authori-
zation is given, and return goods tags must be
attached to all cartons.**

**Fluorescent Units: All units are tested before leav-
ing factory—The Art Metal Company assumes
no responsibility for the performance or life of
any component equipment not of our manufac-
ture.**

**The manufacturers of ballasts will replace defec-
tive equipment but will accept no labor or
transportation charges.**

Code for Finishes

| | |
|-----------------------------------|--------|
| Silvertint | CHEZI |
| Goldtint | CIBAH |
| Bronzetint | CIBEL |
| Durocreme and Silver | CIBIW |
| Ivory and Gold | CIBOW |
| Empire White and Silver | COFOR |
| Polished Chrome | POLCRO |
| Satin Chrome | SATCRO |

Delivery Schedule for Finishes

Based from Date Order is Received:

Equipment with Standard Finish: Stock.

**Equipment with Optional Finish: 4 Days Min-
imum.**

**Equipment with Finish other than Standard or
Optional but listed in Code for Finishes:
5 Days Minimum.**

**Equipment with Finish not listed in Code for
Finishes: 7 Days Minimum.**

Chrome Fronts for Recessed Units Only:

| | |
|--|------------------|
| 8" Lens Single Light Sq. or Rd. | Add list \$ 4.50 |
| 12" Lens Single Light Sq. or Rd. | Add list \$ 5.85 |
| 12" Lens Two Light Square | Add list \$10.50 |
| 12" Lens Four Light Square | Add list \$21.00 |

Extra Lengthening for Chain and Stem Pendants

| | |
|---|---------------------------------|
| Chain, Standard Finish, in- cluding wire | list per ft. or fraction \$.45 |
| Stem, Standard Finish, in- cluding wire | list per ft. or fraction \$1.20 |
| Chain, Polished Chromium Finish, including wire | list per ft. or fraction \$.75 |
| Stem, Polished Chromium Finish, including wire | list per ft. or fraction \$1.35 |
| Twin Stem Pendant | list per ft. or fraction \$2.70 |

**All Wires: Approved by National Board of Under-
writers, polarized and terminals soldered.
Mogul base socket No. 14 Wire.
Medium base No. 16 Wire.**

Canopy Switch Installed, \$1.95 list.

Two Circuits: One additional socket, \$3.00 list.

Fixtures Wired for Dual Filament Bulbs:

Complete with switch, \$3.00 additional list.

Without switch, \$1.20 additional list.

**All orders are taken subject to the approval of the Company at its Home Office in Cleveland, Ohio, and are not binding
upon the Company until accepted by the Company at its Home Office. All orders are taken for goods F.O.B. Cleveland, Ohio.**

**THE ART METAL COMPANY
CLEVELAND, OHIO**

Schedule A Discounts

| Catalog Number | | Page | Code | Std. Pkg | List Price |
|----------------|---------------------------|-------|-------|----------|------------|
| 47 | Made of Steel..... | 54 | EAEOW | 24 | 2.25 |
| 47 | Pol. Chrome—Made of Steel | 54 | | 24 | 3.15 |
| 48 | Made of Steel..... | 54 | EAFUT | 12 | 2.55 |
| 48 | Pol. Chrome—Made of Steel | 54 | | 12 | 3.75 |
| 100 | ..... | 49 | EAFUS | 12 | 3.54 |
| 100 | Pol. Chrome..... | 49 | | 12 | 4.38 |
| 115-5 | ..... | 47 | ELAB | 2 | 9.60 |
| 115-6 | ..... | 47 | ELBE | 2 | 11.70 |
| 117-5 | ..... | 47 | ELCO | 2 | 5.40 |
| 117-6 | ..... | 47 | ELDA | 2 | 6.30 |
| 201 | ..... | 49 | EANIT | 4 | 11.10 |
| 201 | Pol. Chrome..... | 49 | | 4 | 12.90 |
| 206 | ..... | 49 | EAWOX | 6 | 5.25 |
| 209 | ..... | 47 | EBAEF | 4 | 7.80 |
| 209 | Pol. Chrome..... | 47 | | 4 | 8.70 |
| 210 | ..... | 47 | EBBE | 4 | 7.80 |
| 210 | Pol. Chrome..... | 47 | | 4 | 8.70 |
| 211 | ..... | 49 | EBCIX | 24 | .75 |
| 211 | Pol. Chrome..... | 49 | | 24 | 1.20 |
| 216 | Made of Steel..... | 48 | EBHOT | 1 | 17.10 |
| 216 | Pol. Chrome—Made of Steel | 48 | | 1 | 19.80 |
| 217 | Made of Steel..... | 48 | EBISU | 1 | 13.50 |
| 217 | Pol. Chrome—Made of Steel | 48 | | 1 | 15.60 |
| 218 | Made of Steel..... | 48 | EBJEL | 1 | 20.16 |
| 218 | Pol. Chrome—Made of Steel | 48 | | 1 | 24.60 |
| 450 | ..... | 24 | LABA | 1 | 36.24 |
| 450 | Wire Guarded..... | 24 | | 1 | 41.73 |
| 450C | ..... | 24 | LABC | 1 | 42.84 |
| 450C | Wire Guarded..... | 24 | | 1 | 48.36 |
| 457 | ..... | 26 | LABK | 1 | 31.95 |
| 457 | Wire Guarded..... | 26 | | 1 | 37.32 |
| 457C | ..... | 26 | LABL | 1 | 38.43 |
| 457C | Wire Guarded..... | 26 | | 1 | 43.95 |
| 457E | ..... | 31 | LABM | 1 | 34.02 |
| 467 | ..... | 22 | LABP | 1 | 37.80 |
| 467C | ..... | 22 | LABQ | 1 | 44.43 |
| 474 | ..... | 25 | LABV | 1 | 26.79 |
| 474 | Wire Guarded..... | 25 | | 1 | 31.02 |
| 474C | ..... | 25 | LABW | 1 | 31.02 |
| 474C | Wire Guarded..... | 25 | | 1 | 35.28 |
| 476 | ..... | 23 | LABY | 1 | 34.32 |
| 476C | ..... | 23 | LABZ | 1 | 38.58 |
| 478 | ..... | 27 | LACD | 1 | 23.46 |
| 478 | Wire Guarded..... | 27 | | 1 | 27.72 |
| 478C | ..... | 27 | LACE | 1 | 27.72 |
| 478C | Wire Guarded..... | 27 | | 1 | 31.98 |
| 478E | ..... | 31 | LACF | 1 | 23.04 |
| 480 | ..... | 28-41 | LACG | 1 | 28.20 |
| 480C | ..... | 28-41 | LACH | 1 | 31.02 |
| 480L | ..... | 30 | LACI | 1 | 23.94 |
| 481 | ..... | 28 | LACJ | 1 | 22.05 |
| 481C | ..... | 28 | LACK | 1 | 24.90 |
| 481L | ..... | 30 | LACL | 1 | 20.16 |
| 511 | ..... | 33 | JAIQ | 12 | 1.80 |
| 550 | ..... | 24 | LACM | 1 | 36.21 |
| 550 | Wire Guarded..... | 24 | | 1 | 41.22 |
| 550C | ..... | 24 | LACN | 1 | 42.84 |
| 550C | Wire Guarded..... | 24 | | 1 | 48.36 |
| 557 | ..... | 26 | LACV | 1 | 31.83 |
| 557 | Wire Guarded..... | 26 | | 1 | 37.32 |
| 557C | ..... | 26 | LACW | 1 | 38.43 |
| 557C | Wire Guarded..... | 26 | | 1 | 44.94 |
| 567 | ..... | 22 | LACY | 1 | 37.80 |
| 567C | ..... | 22 | LACZ | 1 | 44.43 |
| 574 | ..... | 25 | LADF | 1 | 26.76 |
| 574 | Wire Guarded..... | 25 | | 1 | 31.02 |
| 574C | ..... | 25 | LADG | 1 | 31.02 |
| 574C | Wire Guarded..... | 25 | | 1 | 35.28 |
| 576 | ..... | 23 | LADI | 1 | 34.32 |
| 576C | ..... | 23 | LADJ | 1 | 38.54 |
| 578 | ..... | 27 | LADM | 1 | 23.46 |
| 578 | Wire Guarded..... | 27 | | 1 | 27.72 |
| 578C | ..... | 27 | LADN | 1 | 27.72 |
| 578C | Wire Guarded..... | 27 | | 1 | 31.98 |
| 657 | ..... | 31 | LADP | 1 | 32.79 |
| 667 | ..... | 31 | LADQ | 1 | 32.61 |
| 676 | ..... | 31 | LADR | 1 | 30.93 |
| 678 | ..... | 31 | LADS | 1 | 21.78 |
| 702-5 | ..... | 47 | ECVIM | 2 | 9.00 |
| 702-6 | ..... | 47 | ECZAP | 2 | 10.80 |
| 722-5 | ..... | 47 | EDTOT | 2 | 7.50 |
| 722-6 | ..... | 47 | EDXIZ | 2 | 8.70 |
| 1140 | ..... | 53 | EJSTA | 32 | 2.28 |

| Catalog Number | | Page | Code | Std. Pkg. | List Price |
|----------------|----------------------------|-------|-------|-----------|------------|
| 1140 | Pol. Chrome..... | 53 | | 32 | 3.33 |
| 1143S | ..... | 53 | EKBIM | 10 | 4.08 |
| 1143S | Pol. Chrome..... | 53 | | 10 | 5.58 |
| 1160 | ..... | 53 | EKCOT | 32 | 2.28 |
| 1160 | Pol. Chrome..... | 53 | | 32 | 3.33 |
| 1160M | ..... | 53 | EKDIL | 32 | 3.18 |
| 1160M | Pol. Chrome..... | 53 | | 32 | 4.23 |
| 1163S | ..... | 53 | EKIMP | 10 | 4.08 |
| 1163S | Pol. Chrome..... | 53 | | 10 | 5.58 |
| 1163SM | ..... | 53 | EKLAS | 10 | 4.98 |
| 1163SM | Pol. Chrome..... | 53 | | 10 | 6.48 |
| 1240 | ..... | 53 | EKOME | 32 | 1.56 |
| 1240 | Pol. Chrome..... | 53 | | 32 | 2.31 |
| 1260 | ..... | 53 | EKRIP | 32 | 1.56 |
| 1260 | Pol. Chrome..... | 53 | | 32 | 2.31 |
| 1260M | ..... | 53 | EKULA | 16 | 2.91 |
| 1260M | Pol. Chrome..... | 53 | | 16 | 3.66 |
| 1502 | ..... | 32 | ELFOR | 1 | 14.25 |
| 1506 | ..... | 32 | ELKAR | 1 | 20.25 |
| 1640 | ..... | 52 | FIAB | 32 | 2.70 |
| 1640 | Pol. Chrome..... | 52 | | 32 | 3.90 |
| 1641 | ..... | 52 | FIBY | 32 | 2.70 |
| 1641 | Pol. Chrome..... | 52 | | 32 | 3.90 |
| 1642 | ..... | 52 | FICO | 16 | 3.75 |
| 1642 | Pol. Chrome..... | 52 | | 16 | 4.80 |
| 1652 | ..... | 52 | GIAB | 10 | 4.05 |
| 1652 | Pol. Chrome..... | 52 | | 10 | 5.67 |
| 1653 | ..... | 52 | GIAD | 10 | 4.05 |
| 1653 | Pol. Chrome..... | 52 | | 10 | 5.67 |
| 1654 | ..... | 52 | GIAE | 10 | 5.10 |
| 1654 | Pol. Chrome..... | 52 | | 10 | 6.57 |
| 1655 | ..... | 52 | FIGU | 32 | 1.86 |
| 1655 | Pol. Chrome..... | 52 | | 32 | 2.91 |
| 1656 | ..... | 52 | FIHR | 32 | 1.86 |
| 1656 | Pol. Chrome..... | 52 | | 32 | 2.91 |
| 1657 | ..... | 52 | FIJA | 16 | 3.06 |
| 1657 | Pol. Chrome..... | 52 | | 16 | 4.26 |
| 1715 | ..... | 49 | CURAB | 1 | 7.50 |
| 1732 | ..... | 37 | ELUX | 1 | 11.55 |
| 1732S | ..... | 37 | ELWO | 1 | 13.35 |
| 1733 | ..... | 44 | EMAB | 1 | 12.75 |
| 1733S | ..... | 44 | EMCA | 1 | 14.40 |
| 1738 | ..... | 48 | EMER | 2 | 4.44 |
| 1738 | Pol. Chrome..... | 48 | EMRA | 2 | 5.34 |
| 1739 | ..... | 48 | EMFAX | 2 | 6.45 |
| 1739 | Pol. Chrome..... | 48 | EMFTY | 2 | 7.35 |
| 1758S | ..... | 43 | EMRAY | 1 | 18.00 |
| 1762 | ..... | 44 | ETAX | 1 | 10.32 |
| 1762S | ..... | 44 | EVON | 1 | 12.18 |
| 1781S | ..... | 36 | GIAH | 1 | 15.75 |
| 1782S | ..... | 36 | GIAB | 1 | 19.50 |
| 1788 | ..... | 45 | GIAT | 1 | 11.10 |
| 1788S | ..... | 45 | GIAU | 1 | 12.60 |
| 1802S | ..... | 44 | GOAC | 1 | 48.00 |
| 1803S | ..... | 43 | GOAF | 1 | 57.00 |
| 1808 | ..... | 48 | GOAR | 2 | 9.60 |
| 1808 | Pol. Chrome..... | 48 | GOBC | 2 | 10.80 |
| 1809 | ..... | 48 | GOAS | 2 | 12.42 |
| 1809 | Pol. Chrome..... | 48 | GOXX | 2 | 13.77 |
| 1815S | ..... | 43 | GUAD | 1 | 15.75 |
| 1829 | ..... | 34 | HAFA | 1 | 5.40 |
| 1860 | ..... | 34 | HABM | 1 | 16.50 |
| 1868 | Finish—Outdoor Black Only. | 50 | HABQ | 1 | 103.29 |
| 1869 | Finish—Outdoor Black Only. | 50 | HABR | 1 | 115.44 |
| 1870 | Finish—Outdoor Black Only. | 51 | HABS | 1 | 140.40 |
| 1871 | Finish—Outdoor Black Only. | 51 | HABT | 1 | 162.00 |
| 1872 | Finish—Outdoor Black Only. | 50 | HABU | 1 | 83.70 |
| 1873 | Finish—Outdoor Black Only. | 50 | HABV | 1 | 94.50 |
| 1874 | Finish—Outdoor Black Only. | 51 | HABW | 1 | 86.40 |
| 1875 | Finish—Outdoor Black Only. | 51 | HABX | 1 | 97.20 |
| 1925 | ..... | 32 | HAFG | 2 | 9.99 |
| 1925L | ..... | 32 | HAFI | 2 | 11.25 |
| 1930 | ..... | 40 | HAE | 1 | 21.00 |
| 1943 | ..... | 35-42 | HAER | 1 | 20.85 |
| 1944 | ..... | 35 | HAES | 1 | 19.50 |
| 1956 | ..... | 45 | HAFM | 1 | 13.50 |
| 2109 | ..... | 54 | JABA | 32 | .75 |
| 2109 | Pol. Chrome..... | 54 | | 32 | 1.20 |
| 2110 | ..... | 54 | JABC | 32 | .57 |
| 2110 | Pol. Chrome..... | 54 | | 32 | .87 |
| 2141 | ..... | 54 | FOIT | 32 | 1.80 |
| 2141 | Pol. Chrome..... | 54 | | 32 | 2.85 |
| 2146S | ..... | 54 | FIRZ | 10 | 3.60 |

Schedule A Discounts

| Catalog Number | | Page | Code | Std. Pkg. | List Price |
|----------------|-------------|------|------|-----------|------------|
| 2146S | Pol. Chrome | 54 | | 10 | 5.10 |
| 2161 | | 54 | FSK | 32 | 1.95 |
| 2161 | Pol. Chrome | 54 | | 32 | 3.00 |
| 2161M | | 54 | FITY | 32 | 2.85 |
| 2161M | Pol. Chrome | 54 | | 32 | 4.20 |
| 2166S | | 54 | FIWA | 10 | 3.75 |
| 2166S | Pol. Chrome | 54 | | 10 | 5.25 |
| 2166SM | | 54 | FIXB | 10 | 4.65 |
| 2166SM | Pol. Chrome | 54 | | 10 | 6.15 |
| 2241 | | 54 | FIZY | 32 | 1.20 |
| 2241 | Pol. Chrome | 54 | | 32 | 1.95 |
| 2261 | | 54 | FLAB | 32 | 1.35 |
| 2261 | Pol. Chrome | 54 | | 32 | 2.10 |
| 2261M | | 54 | FLBO | 16 | 2.70 |
| 2261M | Pol. Chrome | 54 | | 16 | 3.45 |
| 2300 | | 52 | HADP | 10 | 4.95 |
| 2301 | | 52 | HADQ | 10 | 5.85 |
| 2317 | | 52 | HAEH | 10 | 4.05 |
| 2318 | | 52 | HAEI | 10 | 4.95 |
| 2409 | | 34 | JACE | 1 | 12.30 |
| 2410 | | 12 | JACF | 1 | 87.00 |
| 2411 | | 12 | JACG | 1 | 171.00 |
| 2413 | | 12 | JACI | 1 | 52.50 |
| 2414 | | 12 | JACJ | 1 | 114.00 |
| 2415 | | 14 | JACK | 1 | 96.00 |
| 2416 | | 14 | JACL | 1 | 186.00 |
| 2418 | | 14 | JACN | 1 | 64.80 |
| 2419 | | 14 | JACO | 1 | 120.00 |
| 2434C | | 16 | JAFH | 2 | 29.40 |
| 2434C | LPF | 16 | | 2 | 15.00 |
| 2435C | | 16 | JAFI | 2 | 30.00 |
| 2435C | LPF | 16 | | 2 | 18.00 |
| 2455 | | 17 | JADZ | 1 | 42.00 |
| 2456 | | 17 | JAEA | 1 | 36.75 |
| 2485 | | 41 | JAFF | 1 | 66.00 |
| 2486 | | 41 | JAFG | 1 | 70.50 |
| 2521 | | 13 | JAGU | 1 | 57.00 |
| 2522 | | 13 | JAGV | 1 | 91.50 |
| 2523 | | 13 | JAGW | 1 | 121.50 |
| 2524 | | 13 | JAGX | 1 | 183.00 |
| 2525 | | 13 | JAGY | 1 | 52.50 |

| Catalog Number | | Page | Code | Std. Pkg. | List Price |
|----------------|---------------------------|------|------|-----------|------------|
| 2526 | | 13 | JAGZ | 1 | 87.00 |
| 2527 | | 13 | JAHA | 1 | 114.00 |
| 2528 | | 13 | JAHB | 1 | 171.00 |
| 2530 | | 15 | JAHD | 1 | 69.30 |
| 2531 | | 15 | JAHE | 1 | 100.50 |
| 2532 | | 15 | JAHF | 1 | 127.50 |
| 2533 | | 15 | JAHG | 1 | 198.00 |
| 2534 | | 15 | JAHI | 1 | 64.80 |
| 2535 | | 15 | IAHJ | 1 | 96.00 |
| 2536 | | 15 | IAHK | 1 | 120.00 |
| 2537 | | 15 | IAHL | 1 | 186.00 |
| 2540 | | 19 | IAHO | 2 | 32.10 |
| 2541 | | 19 | IAHP | 2 | 36.45 |
| 2542 | | 19 | JHHQ | 2 | 25.65 |
| 2543 | | 19 | IAHR | 2 | 29.55 |
| 2544 | | 19 | IAHS | 2 | 25.80 |
| 2545 | | 19 | IAHT | 2 | 30.30 |
| 2546 | | 19 | IAHU | 2 | 19.80 |
| 2547 | | 19 | IAHV | 2 | 22.20 |
| 2548 | | 32 | IAHW | 2 | 12.39 |
| 2549 | | 33 | IAHX | 2 | 36.00 |
| 2550 | | 33 | IAHY | 2 | 41.25 |
| 2551 | | 33 | IAHZ | 2 | 47.25 |
| 2552 | | 33 | IAIA | 2 | 13.65 |
| 2553 | | 33 | IAIB | 2 | 20.55 |
| 2554 | | 33 | IAIC | 2 | 24.45 |
| 2555 | | 33 | IAID | 2 | 31.95 |
| 2556 | | 33 | IAIE | 2 | 37.20 |
| 2557 | | 33 | IAIF | 2 | 44.25 |
| 2558 | | 33 | IAIG | 2 | 9.60 |
| 2559 | | 33 | IAIH | 2 | 16.50 |
| 2560 | | 33 | IAIJ | 2 | 21.45 |
| 2562 | | 34 | IAIL | 2 | 12.30 |
| 2563 | | 46 | IAIM | 1 | 21.00 |
| 5042 | Made of Steel | 54 | FLJO | 16 | 2.25 |
| 5042 | Pol. Chrome—Made of Steel | 54 | | 16 | 3.45 |
| 5062 | Made of Steel | 54 | FLKR | 16 | 2.40 |
| 5062 | Pol. Chrome—Made of Steel | 54 | | 16 | 3.60 |
| 5062M | Made of Steel | 54 | FLMX | 16 | 3.90 |
| 5062M | Pol. Chrome—Made of Steel | 54 | | 16 | 5.10 |

NOTICE

Gold tint is no longer an available finish on commercial units.

Pewter finish is no longer optional on the Sentinel, Economy and Master Line Hanger Equipment.

Economy Line—Sentinel Line and Master Line Hangers are obtainable in 22 Gauge Brass — Price on application.

